

ABSTRACT

In a multi-piece solid golf ball comprising a solid
5 core, a mantle and a cover, the solid core is made of a
rubber composition that includes a base rubber containing a
polybutadiene synthesized using a rare-earth catalyst, a
small amount of organic peroxide, an unsaturated carboxylic
acid and/or a metal salt thereof, an organic sulfur compound
10 and an inorganic filler. The mantle is made of a
thermoplastic resin composition. The cover is made primarily
of a thermoplastic polyurethane material. This construction
provides the golf ball with a combination of outstanding
flight performance and soft feel with cover's scuff
15 resistance and coating's abrasion resistance, that is
unprecedented.